





REINFORCED CONCRETE PAVING DETAIL HORIZONTAL SCALE: 1"=10'

Let. Weight (lb) Scale 1:5 + standar par!"

UTILITY INSTALLATION NOTES:

- UNDERGROUND UTILITIES.
- MINIMUM SEPARATION BETWEEN PARALLEL WATER AND SEWER SERVICES IS TEN (10') FEET.
  ALL WATER AND SEWER SERVICE INSTALLATION WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF MOUNT WERNER WATER AND SEWER
- STANDARDS AND SPECIFICATIONS, LATEST EDITION.

- FROZEN SOILS GREATER THAN 6-INCHES IN DIAMETER.
- ENGINEER (NWCC).

GRINDER PUMP INSTALLATION NOTES:

1. INSTALL E-ONE DH152-93 GRINDER PUMP PER MANUFACTURERS TYPICAL INSTALLATION INSTRUCTIONS. MAXIMUM DRY DENSITY AS DETERMINED BY THE AASHTO T-180 TEST PROCEDURES.



PRESSURIZED WASTEWATER SERVICE LINE AND CONNECTION TO A GRAVITY SERVICE LINE N.T.S.



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<u>NOTES:</u>

1. CONTRACTOR MAY USE AN APPROVED SIMILAR GRATE DRAIN.

LEVEL SPREADER CROSS SECTION DETAIL N.T.S.

1. UTILITY LOCATES ARE PER FIELD LOCATES AND AS-BUILT RECORDS AND ARE APPROXIMATE AND HAVE NOT BEEN VERIFIED WITH POTHOLING. FOUR POINTS SURVEYING AND ENGINEERING SHALL NOT BE ACCOUTABLE FOR THE LOCATION OF OR THE FAILURE TO NOTE THE LOCATION OF

4. ALL DRY UTILITY WORK (ELECTRICAL, GAS, AND COMMUNICATIONS) SHALL BE IN ACCORDANCE WITH THE RESPECTIVE UTILITY SERVICE PROVIDERS. 5. WATER SERVICE LINES AND FITTINGS SHALL BE 1" COPPER TYPE K. WATER SERVICE LINE SHALL HAVE A MINIMUM OF 7-FT OF COVER. 6. SEWER SERVICE LOW PRESSURE LINE SHALL BE HDPE OR 200 PSI POLY PURE CORE. SEWER SERVICE LINE SHALL HAVE A MINIMUM OF 4-FT OF COVER. GRAVITY SERVICE LINES SHALL BE 4" SDR 35 PVC INSTALLED AT A MIN 2% SLOPE AND MIN 4-FT DEPTH. GRAVITY SERVICE LINE EXITING THE HOUSEHOLD SHALL BE SCHEDULE 40 PVC FOR A MINIMUM OF 30". 7. ALL MATERIALS USED FOR BACKFILL SHALL BE FREE FROM DEBRIS, ORGANIC MATERIAL, COBBLES, BOULDERS, LARGE ROCKS OR STONES OR

8. ALL TRENCHES SHALL BE COMPACTED TO 95% AS DETERMINED BY ASTM D698 (STANDARD PROCTOR) OR AS SPECIFIED BY GEOTECHNICAL

2. BEDDING MATERIAL SHALL CONSIST OF 6-INCHES OF ROAD BASE OR APPROVED SIMIALR. COMPACTION REQUIREMENTS SHALL EXCEED 95%

<u>3" grate drain</u>

2. ATTACH GRATE DRAIN TO 3" FLEXIBLE PVC W/ 3" PVC TEE AND 3" PVC RISER.



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CITY STANDARD CONSTRUCTION SITE MANAGEMENT NOTES:

N.T.S.

- MEASURES TO PREVENT RELEASE OF POLLUTANTS FROM THE PROJECT SITE.
- THE CONSTRUCTION ACTIVITIES.
- ON APPROVED CSMP.
- WITHIN ONE GROWING SEASON.
- ENTER STATE WATERS.
- ADDITION CONTRACTOR MUST OBTAIN REQUIRED PERMITS.

- SIDEWALK PROTECTION.
- DISTURBANCE.

1. THIS PLAN SHALL BE KEPT ON SITE AT ALL TIMES AND UPDATED TO REFLECT ANY CHANGES. 2. CLEARING OR GRADING SHALL NOT BEGIN UNTIL ALL CONTROL MEASURES HAVE BEEN INSTALLED. 3. CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION AND ESTABLISHING ANY REQUIRED PERMANENT CONTROL

4. CONTROL MEASURES SHALL BE USED, MODIFIED, AND MAINTAINED WHENEVER NECESSARY TO REFLECT CURRENT CONDITIONS. CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EVERY PRECIPITATION EVENT. ACCUMULATED SEDIMENT SHALL BE REMOVED FROM CONTROL MEASURES WHEN THE SEDIMENT LEVEL REACHES ½ THE HEIGHT OF THE CONTROL MEASURE.

5. THE CONTRACTOR SHALL PROMPTLY REMOVE ALL SEDIMENT, MUD, AND CONSTRUCTION DEBRIS THAT MAY ACCUMULATE IN THE RIGHT OF WAY, PRIVATE PROPERTY, OR WATER WAYS AS A RESULT OF

6.ALL INGRESS AND EGRESS ACCESS POINTS ON TO THE DISTURBED SITE MUST BE STABILIZED WITH A VEHICLE TRACKING CONTROL PAD. ACCESS SHALL ONLY BE VIA APPROVED LOCATIONS AS SHOWN

7. TEMPORARY SOIL STABILIZATION MEASURES SHALL BE IMPLEMENTED WHERE GROUND DISTURBANCES HAVE TEMPORARILY OR PERMANENTLY CEASED FOR 14 DAYS OR FOR AREAS OF LAND DISTURBANCE

8. CONCRETE WASTE AND WASHOUT WATER FROM MIXING TRUCKS SHALL BE CONTAINED ON SITE, REMOVED FROM THE SITE, AND PROPERLY DISPOSED. MATERIALS SHALL NOT BE ALLOWED TO

9. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL LOCAL, STATE, AND FEDERAL LAWS. IN

10. EMERGENCY ACCESS MUST BE KEPT OBSTACLE FREE AND PASSABLE AT ALL TIMES.

11. FOR ANY WORK TO BE DONE IN THE RIGHT OF WAY, COORDINATE WITH THE CITY ROW MANAGER REGARDING SPECIAL PERMITTING. NO WORK SHALL BE CONDUCTED IN THE ROW BETWEEN NOVEMBER 1 AND MAY 1 WITHOUT PRIOR APPROVAL FROM THE DIRECTOR OF PUBLIC WORKS.

12. WHERE REQUIRED AS PART OF THE ROW PERMIT OR WHERE SITE WORK AFFECTS THE PEDESTRIAN OR VEHICLE TRAVEL WAY, TRAFFIC CONTROL SHALL BE INSTALLED. ALL TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. 13. SIDEWALKS ADJACENT TO CONSTRUCTION SITES SHALL BE MAINTAINED, FOR PUBLIC USE, BY THE CONTRACTOR. IN AREAS WHERE CONSTRUCTION IS TAKING PLACE NEXT TO THE SIDEWALK AND OVERHEAD HAZARDS ARE POSSIBLE, SITE IS RESPONSIBLE FOR INSTALLING AND MAINTAINING

14. FINAL GRADING AND REVEGETATION SHALL BE COMPLETED WITHIN ONE CONSTRUCTION SEASON. ALL ROADWAY, SHOULDER, AND DITCH DAMAGE SHALL BE RESTORED. REVEGETATE ADJACENT PROPERTY



LEGEND

